

ABSTRACT OF THE DISCLOSURE

The present invention relates to an isolated protein or polypeptide corresponding to a protein or polypeptide of a *Rupestris* stem pitting associated virus.

5 The encoding DNA molecule, either alone in isolated form, in an expression system, a host cell, or a transgenic grape plant, is also disclosed. Other aspects of the present invention relate to a method of imparting *Rupestris* stem pitting associated virus resistance to grape plants by transforming them with the DNA molecule of the present invention, and a method of detecting the presence of a *Rupestris* stem pitting

10 associated virus, such as RSPaV-1, in a sample.

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